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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/667,445	09/23/2003	Pi-Hua Hsieh	3110/133	9454

7590 08/30/2004  
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EXAMINER
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ESTRADA, ANGEL R

ART UNIT	PAPER NUMBER
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2831

DATE MAILED: 08/30/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

## Office Action Summary

**Application No.**

10/667,445

**Applicant(s)**

HSIEH, PI-HUA

**Examiner**

Angel R. Estrada

**Art Unit**

2831



-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 2 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☐ Responsive to communication(s) filed on \_\_\_\_.
- 2a) ☐ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☒ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-6 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_ is/are allowed.
- 6) ☐ Claim(s) \_\_\_\_ is/are rejected.
- 7) ☒ Claim(s) 1-6 is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 05 April 2004 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_.
  - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)  | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. ____. |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                   | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)             |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date ____. | 6) <input type="checkbox"/> Other: ____.  |

## **DETAILED ACTION**

### ***Claim Objections***

1. Claims 1-6 are objected to because of the following informalities:

a) In claim 1 lines 8-9, change "said junction box the pivot hole" to --said junction box pivot hole--.

b) In claim 1 line 10, "the vertex portion of said spring element", lacks antecedent basis.

c) In claim 1 line 15, "said junction box angle", lacks antecedent basis.

d) In claim 2 line 4, "the circumferential surface of said swivel block", lacks antecedent basis.

e) In claim 2 line 4, "said swivel block", lacks antecedent basis.

f) In claim 3 line 3, change "a said swivel block" to --a swivel block--.

g) In claim 3 line 4, "said swivel block circumferential surface", lacks antecedent basis.

h) In claim 3 lines 4-5, "said junction box circumferential edge", lacks antecedent basis.

i) In claim 3 line 5, change "a joint section" to --the joint section--, since it was previously mentioned in claim 1

j) In claim 4 line 3, "the free end of said spring element", lacks antecedent basis.

k) In claim 4 line 4, "its vertex portion", lacks antecedent basis.

l) In claim 5 line 3, change "a said portal" to --a portal--.

m) In claim 5 line 7, "the vertex portion of said <-shaped spring element" lacks antecedent basis.

o) In claim 5 line 8, "its joint section", lacks antecedent basis.

p) In claim 6 line 3, change "a said portal" to --a portal--.

q) In claim 6 line 10, "the vertex portion of said <-shaped spring element" lacks antecedent basis.

Appropriate correction is required.

***Allowable Subject Matter***

2. Claims 1-6 would be allowable if rewritten to overcome the rejection(s) under Claim Objections, set forth in this Office action.

The following is an examiner's statement of reasons for allowance: The primary reasons for the indication of the allowability of claims 1-6 are:

Regarding claims 1-4, the prior art does not teach or fairly suggest in combination with the other claimed limitations of each said lamp rods having a joint section at its proximal extremity that is hinged to said junction box, furthermore, said joint section is coupled via said junction box pivot hole, said lamp rod has a spring element protruding with a vertex portion protruding slightly to the circumferential edge of the lamp rod such that when its joint section is conjoined to said junction box, said spring element vertex portion engages the lateral edge of said junction box portal, thereby securing said lamp rod onto said junction box portal.

Regarding claim 5, the prior art does not teach or fairly suggest in combination with the other claimed limitations of said lamp rod includes a hinge tab that enters said hinge mount, a pintle is inserted downward through said hinge tab to position said hinge tab onto said hinge mount; a <-shaped spring element with a vertex portion protruding slightly to the circumferential edge of the lamp rod such that when its joint section is conjoined to said junction box, said spring element vertex portion engages the lateral edge of said junction box portal, thereby securing said lamp rod onto said junction box portal.

Regarding claim 6, the prior art does not teach or fairly suggest in combination with the other claimed limitations of said lamp rod includes an arcuate hinge tab emerging from its extreme outer edge such that said hinge tab is articulate into said junction box pivot hole; a joint section is aligned with said pivot hole and a pintle is inserted sequentially through said pivot hole, a <-shaped spring element with a vertex portion protruding slightly to said lamp rod circumferential edge such that when its joint section is conjoined to said junction box, said spring element vertex portion engages the lateral edge of said junction box portal, thereby securing said lamp rod onto said junction box portal.

These limitations were found in claims 1-6, and are neither disclosed nor taught by the prior art of record, alone or in combination.

**Conclusion**

3. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Wu (US 6,617,513, US 6,685,346, US 6,692,140, US 6,743,978, US 6,455,775, US 6,441,302, US 6,600,102 and US 6,489,560) discloses a lamp rod and a junction box for lamps having a plurality of portals

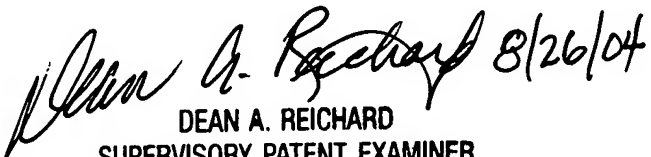
4. Any inquiry concerning this communication should be directed to Angel R. Estrada at telephone number (571) 272-1973. The Examiner can normally be reached on Monday-Friday (8:30 -5:00).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Dean Reichard can be reached on (571) 272-2800 Ext: 31. The fax phone number for the organization where this application or proceeding is assigned is (703) 872-9306.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 308-0956.

AE

August 25, 2004

 8/26/04  
DEAN A. REICHARD  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 2800